Exhibit Name: Indemnity Calculations		
Exhibit Number: P21-1, Plan 01	**Reinsurance Year:** 2011	
Record Name: Acreage Claim	**Version:** DRAFT	
Record Code: P21	**Release Date:** 8/5/2010	

Insurance Plan Code	01 Yield Protection		
Commodity Code	0011 Wheat 0015 Canola	0018 Rice 0021 Cotton	0041 Corn 0051 Grain Sorghum	0078 SunFlowers 0081 Soybeans 0091 Barley

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 1: Stage Guarantee Calculation						
Guarantee Per Acre **=** Approved Yield * Coverage Level Percent	Guarantee Per Acre	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	
	Approved Yield	P11	47	99999999.99	None	
	Coverage Level Percent	P14	33	9.9999	None	
Acre Guarantee Quantity **=** Guarantee Per Acre * Guarantee Adjustment Factor	Acre Guarantee Quantity	P11	101	99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	
	Guarantee Adjustment Factor	P11	41	0.999	None	Guarantee Adjustment Factor would be for any initially late planted acres.

Insurance Plan Code	01 Yield Protection		
Commodity Code	0011 Wheat 0015 Canola	0018 Rice 0021 Cotton	0041 Corn 0051 Grain Sorghum	0078 SunFlowers 0081 Soybeans 0091 Barley

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Price Election Amount **=** Projected Price * Price Election Percent	Price Election Amount	Internal		9999.999	When Commodity Code equals Barley, "0091", Corn, "0041", Cotton, "0021", Grain Sorghum, "0051", Soybeans, "0081" or Wheat, "0011"; round to nearest whole cent [$9.99]. When Commodity Code equals Canola, "0015", Rice, "0018", Sunflowers, "0078"; round to nearest one-tenth cent [$9.999].	
	Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810". Contract Price may be used in Lieu of the Projected Price for specialty types of Soybeans or Barleys. If the insured chooses to use the contract price, the contract price per bushel should be entered in the contract price field. The contracted price will be capped by RMA at a centain percentage over the projected price for Soybeans and Barley as specified in the Special Provisions.
	Price Election Percent	ICE		9.9999	None	Edit with ICE Price Election Percent, "D00007".
Acre Stage Guarantee Amount = Acre Guarantee Quantity * Price Election Amount	Acre Stage Guarantee Amount	P21	36	99999999.99	Round to nearest dollar and cents.	
	Price Election Amount	Internal		9999.999	see section 1	

Exhibit Name: Indemnity Calculations						
Exhibit Number: P21-1, Plan 01			**Reinsurance Year:** 2011			
Record Name: Acreage Claim			**Version:** DRAFT			
Record Code: P21			**Release Date:** 8/5/2010			

Insurance Plan Code	01 Yield Protection		
Commodity Code	0011 Wheat	0018 Rice	0041 Corn	0078 SunFlowers
	0015 Canola	0021 Cotton	0051 Grain Sorghum	0081 Soybeans
				0091 Barley

Calculations		Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 2: Loss Guarantee Calculation							
Loss Guarantee Amount =	Acre Stage Guarantee Amount * Determined Acreage * Liability Adjustment Factor	Loss Guarantee Amount	P21	49	99999999.99	Round to ~~whole number~~ nearest dollar and cents.	
		Determined Acreage	P21	17	99999999.99	None	
		Liability Adjustment Factor	P21	43	9.999999	None	
Section 3: Indemnity Calculation							
Revenue Conversion Production to Count =	Production to Count Quantity * Price Election Amount	Revenue Conversion Production to Count	Internal		99999999.99	Round to ~~whole number~~ nearest dollar and cents.	
		Production to Count Quantity	P21	34	99999999.99	None	
		Price Election Amount	Internal		9999.999	see Section 1	Price Election Amount calculated in Section 1
Unit Deficiency Quantity =	Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	38	S99999999.99	Round to ~~whole number~~ nearest dollar and cents.	
		Production to Count Quantity	P21	37	99999999.99	None	
Preliminary Indemnity Amount =	Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	55	S9999999999	Round to whole number.	
		Insured Share Percent	P11	46	9.999	None	
Indemnity Amount =	Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	52	S9999999999	Round to whole number.	
		Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Total Indemnity	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	

	Exhibit Name:	Indemnity Calculations		
	Exhibit Number:	P21-1, Plan 01	Reinsurance Year:	2011
	Record Name:	Acreage Claim	Version:	DRAFT
	Record Code:	P21	Release Date:	8/5/2010

Insurance Plan Code		01 Yield Protection			
Commodity Code	0011 Wheat 0015 Canola	0018 Rice 0021 Cotton	0041 Corn 0051 Grain Sorghum	0078 SunFlowers 0081 Soybeans 0091 Barley

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 4: Stage Guarantee Calculation						
Replant Payment for Yield Protection, "01"						
When Stage Code equals Replanted, "R", Replanted Seed, "RS", Replanted Transplant, "RT" Guarantee Per Acre **=** Approved Yield * Coverage Level Percent	Guarantee Per Acre				When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	
	Approved Yield	P11	47	99999999.99	None	
	Coverage Level Percent	P14	33	9.9999	None	
Acre Guarantee Quantity **=** Guarantee per Acre * Guarantee Adjustment Factor	Acre Guarantee Quantity	P11	101	99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	
	Guarantee Adjustment Factor	P11	75	0.999	None	Guarantee Adjustment Factor would be for any initially late planted acres.

	Exhibit Name:	Indemnity Calculations				
	Exhibit Number:	P21-1, Plan 01	Reinsurance Year:	2011		
	Record Name:	Acreage Claim	Version:	DRAFT		
	Record Code:	P21	Release Date:	8/5/2010		

Insurance Plan Code	01 Yield Protection		
Commodity Code	0011 Wheat 0015 Canola	0018 Rice 0021 Cotton	0041 Corn 0051 Grain Sorghum	0078 SunFlowers 0081 Soybeans 0091 Barley

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Price Election Amount = Projected Price * Price Election Percent	Price Election Amount	Internal		9999.999	When Commodity Code equals Barley, "0091", Corn, "0041", Cotton, "0021", Grain Sorghum, "0051", Soybeans, "0081" or Wheat, "0011"; round to nearest whole cent [$9.99]. When Commodity Code equals Canola, "0015", Rice, "0018", Sunflowers, "0078"; round to nearest one-tenth cent [$9.999].	
	Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810". Contract Price may be used in Lieu of the Projected Price for specialty types of Soybeans or Barleys. If the insured chooses to use the contract price, the contract price per bushel should be entered in the contract price field. The contracted price will be capped by RMA at a centain percentage over the projected price for Soybeans and Barley as specified in the Special Provisions.
	Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00.

Exhibit Name: Indemnity Calculations						
Exhibit Number: P21-1, Plan 01			**Reinsurance Year:** 2011			
Record Name: Acreage Claim			**Version:** DRAFT			
Record Code: P21			**Release Date:** 8/5/2010			

Insurance Plan Code	01 Yield Protection		
Commodity Code	0011 Wheat 0015 Canola	0018 Rice 0021 Cotton	0041 Corn 0051 Grain Sorghum	0078 SunFlowers 0081 Soybeans 0091 Barley

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Acre Stage Guarantee Amount = **Lesser of:** (20% of Acre Guarantee Quantity **OR** Maximum Stage Guarantee) * Price Election Amount	Acre Stage Guarantee Amount	P21	36	999999999.99	Round to ~~1 decimal~~ nearest dollar and cents.	
	Price Election Amount	Internal		99999.999	None	Price Election Percent must equal 1.00 when Insurance Plan Code is Yield Protection, "01" or Revenue Protection, "02".
	Maximum Stage Guarantee					
Section 8: Replant Payment Loss Guarantee Calculation						
Loss Guarantee Amount = Acre Stage Guarantee Amount * Determined Acreage * Liability Adjustment Factor	Loss Guarantee Amount	P21	49	99999999.99	Round to ~~whole number~~ nearest dollar and cents.	
	Determined Acreage	P21	17	99999999.99	None	
	Liability Adjustment Factor	P21	41	9.999999	None	
Section 9: Replant Payment Indemnity Calculation						
Preliminary Indemnity Amount = Loss Guarantee Amount * Insured Share Percent	Preliminary Indemnity Amount	P21	52	S9999999999	Round to whole number.	
	Insured Share Percent	P11	48	9.999	None	
Indemnity Amount = Preliminary Indemnity Amount	Indemnity Amount	P21	52	S9999999999	Round to whole number.	
	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Total Indemnity ∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	

Exhibit Name: Indemnity Calculations					
Exhibit Number: P21-1, Plan 01			**Reinsurance Year:** 2011		
Record Name: Acreage Claim			**Version:** DRAFT		
Record Code: P21			**Release Date:** 8/5/2010		

Insurance Plan Code	01 Yield Protection		
Commodity Code	0011 Wheat 0015 Canola	0018 Rice 0021 Cotton	0041 Corn 0051 Grain Sorghum	0078 SunFlowers 0081 Soybeans 0091 Barley

Calculations		Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 10: Stage Guarantee Calculation							
Prevented Planting Payment for Yield Protection, "01".							
When Stage Code equals:	**Prevented Planting Option 1, "P1",** **Prevented Planting Option 2, "P2",** **Prevented Planting Option 3, Harvested, "H3",** **Prevented Planting Option 3, Unharvested, "U3",** **Prevented Planting Uninsured Loss, "PU",** **Prevented Planting Add 10 Percent, "PT",** **Prevented Planting Add 5 Percent, "PF"**						
Prevented Planting Acre Stage Guarantee Amount =	Production Guarantee * Projected Price * Prevented Planting Guarantee Adjustment Factor	Prevented Planting Acre Stage Guarantee Amount	P21	36	999999999.99	Round to nearest dollar and cents.	
		Projected Price	ADM		99999.9999	None	Edit with ADM Price, "00810".
		Guarantee Adjustment Factor	P11	75	0.999	None	
Section 11: Prevented Planting Payment Loss Guarantee Calculation							
Loss Guarantee Amount =	Prevented Planting Acre Stage Guarantee Amount * Determined Acreage * Liability Adjustment Factor	Loss Guarantee Amount	P21	49	99999999.99	Round to ~~whole number~~ nearest dollar and cents.	
		Determined Acreage	P21	17	99999999.99	None	
		Liability Adjustment Factor	P21	41	9.999999	None	
Section 12: Prevented Planting Payment Indemnity Calculation							
Preliminary Indemnity Amount =	Loss Guarantee Amount * Insured Share Percent	Preliminary Indemnity Amount	P21	52	S9999999999	Round to whole number.	
		Insured Share Percent	P11	46	9.999	None	
Indemnity Amount =	Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	52	S9999999999	Round to whole number.	
		Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Total Indemnity	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	

	Exhibit Name:	Indemnity Calculations			
	Exhibit Number:	P21-1, Plan 01	Reinsurance Year:	2011	
	Record Name:	Acreage Claim	Version:	DRAFT	
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Insurance Plan Code	01 Yield Protection		
	0011 Wheat	0018 Rice	0041 Corn	0078 SunFlowers
Commodity Code	0015 Canola	0021 Cotton	0051 Grain Sorghum	0081 Soybeans
				0091 Barley

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 13: Stage Guarantee Calculation						
Malting Barley Price and Quality Endorsement						
	Production Guarantee	Internal		999999999.9		
Production Guarantee = (Approved Yield * Coverage Level Percent) * Guarantee Adjustement Factor	Approved Yield					**Malting Barley-Option A (MA)- Lesser of:** MA Yield for Malt Barley **OR** APH Yield for Barley **Malting Barley-Option B (MB) - Lesser of:** Contracted Bushels per Acre **OR** APH Yield for Barley
	Coverage Level Percent	P14	33	9.9999	None	
	Guarantee Adjustment Factor	P11	75	0.999	None	Guarantee Adjustment Factor would be for late planted acres.

	Exhibit Name: Indemnity Calculations			
	Exhibit Number: P21-1, Plan 01	Reinsurance Year: 2011		
	Record Name: Acreage Claim	Version: DRAFT		
	Record Code: P21	Release Date: 8/5/2010		

Insurance Plan Code	01 Yield Protection		
Commodity Code	0011 Wheat 0015 Canola	0018 Rice 0021 Cotton	0041 Corn 0051 Grain Sorghum	0078 SunFlowers 0081 Soybeans 0091 Barley

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Price Election Amount = Additional Value Price	Price Election Amount	Internal		99999.999		**Malting Barley - Option A (MA)** - (1) The RMA issued Malting Barley Additional Value Price, or (2) Malting Barley price amount (Premium Amount) from a price agreement or a Malting Barley production contract that will be paid in addition to a specified barley futures price, or (3) The rpice per bushel from a price agreement or a malting barley production contract for malting barley less the barley Projected price. The additional value prcie is limited to $1.25. **Malting Barley-Option B (MB)** (1) Malting barley price amount from a malting barley futures price, or (2) The price per bushel from a malting barley productino contract for malting barley less the barley Projected Price. The additional value price is limited to $2.00.
Malting Barley Stage Guarantee Per Acre = Production Guarantee * Price Election Amount	Malting Barley Stage Guarantee Per Acre	P21	50	999999999.99	Round to dollar and Cents	

Exhibit Name: Indemnity Calculations					
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Insurance Plan Code	01 Yield Protection			
Commodity Code	0011 Wheat 0015 Canola	0018 Rice 0021 Cotton	0041 Corn 0051 Grain Sorghum	0078 SunFlowers 0081 Soybeans 0091 Barley

Calculations		Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 14: Malting Barley Loss Guarantee Calculation							
Loss Guarantee Amount =	Malting Barley Stage Guarantee Per Acre * Determined Acreage * Liability Adjustment Factor	Loss Guarantee Amount	P21	49	99999999.99	Round to ~~whole number~~ nearest dollar and cents.	
		Determined Acreage	P21	17	99999999.99	None	
		Liability Adjustment Factor	P21	41	9.999999	None	
Production To Count =	Production to Count Quantity * Price Election Amount	Revenue Conversion Production To Count	P21	46	99999999.99	Round to ~~2 decimals~~ nearest dollar and cents.	
		Production to Count Quantity	P21	34	99999999.99	None	
		Price Election Amount	Internal		99999.9999	None	
Section 15: Malting Barley Indemnity Calculation							
Unit Deficiency Quantity =	Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	35	S99999999.99	Round to ~~whole number~~ nearest dollar and cents.	
Preliminary Indemnity Amount =	Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	52	S9999999999	Round to whole number.	
		Insured Share Percent	P11	48	9.999	None	
Indemnity Amount =	Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	52	S9999999999	Round to whole number	
		Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Total Indemnity	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	